

## **ABSTRACT**

The present invention is related to a method and system for transforming a datastream.

The method includes parsing the datastream into a plurality of work units in a first format and processing each of the plurality of work units by at least one compute node to convert each work unit into a second format. In another aspect, the system includes a central component for receiving the datastream in a first format, a plurality of sources in the central component, where each of the plurality of sources is associated with at least one transform, and at least one compute node coupled to the central component. According to the system of the present invention, the central component instantiates at least one source of the plurality of sources that parses the datastream into a plurality of work units in the first format, and distributes each of the work units to the at least one compute node, which converts each work unit into a second format.